





# भारत का राजपत्र The Gazette of India

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NEW DELHI, SATURDAY, MAY 8, 1971 (VAISAKHA 18, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 8th May, 1971

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

17th April 1971

131008. D. G. Takte. Catalytic ammoxidations of hydrocarbons ammoxidation of alkanes (e.g. propane and isobutane) into unsaturated nitriles (e.g. acrylonitrile and methacrylonitrile respectively by using antimony oxide containing catalyst and a chloro-alkane in the feed gases.

131009. D. G. Takte. Synthesis of adamantanes.

131010. J. Sthanapati. An automatic accompanying musical instrument (electronic).

131011. (Mrs.) Annamma Abraham Improvements in or relating to printing types.

131012. Wilkinson Sword Limited. Improvements in razor blades. (17th April 1970).

131013. M. P. Fabregat. Improvements in the manufacture of segments with groove and expander.

131014. Pfizer Inc. Dibenzoxepin therapeutic agent. (8th October 1970).

131015. Messerschmitt-Bolkow-Blohm Gesellschaft mit beschränkter Haftung. Improvements in rotors. (16th February 1971).

131016. R. B. Vaid. Improvements in or relating to a device and method of manufacturing retention rings for ball bearings.

131017. S. D. Nadkarni. Improvements in or relating to a device for preventing single phasing of 3-phase electric mains supply.

131018. K. Balachandran. Improvements in or relating to containers.

131019. M. V. R. S. Rao and (Smt.) Uma Sivaswamy. A device to prevent tampering with or theft of, automobiles.

19th April 1971

131020. Council of Scientific and Industrial Research. A process on improvements in /or relating to deashing of natural graphite at high temperatures.

131021. Council of Scientific and Industrial Research. A method for treatment of the oxidised zinc dust or zinc blowings to preferentially remove the oxide coating.

131022. Council of Scientific and Industrial Research. Process for hydrocarbon purification by selective hydrogenation.

131023. Council of Scientific and Industrial Research. A process for the production of resinous condensation products from aromatic compounds such as xylenes, naphthalene, alkyl naphthalenes, acenaphthene, fluorene, phenanthrene, anthracene, carbazole and the like.

131024. Amitava Ghosh Dastidar. Forming narrow trenches, means therefor and thin diaphragm walls for use therein.

131025. D. Mohanty and B. N. Behera. Chloride recharge.

131026. RCA Corporation. ATM<sub>01</sub> mode exciter and a multi-mode exciter system using same.

131027. E. N. Contractor. A pressure reducing design for use in deep sea diving ships, and in spaceships.

131028. Joseph Lucas (Industries) Limited. Electrical switches. (2nd May 1970).

131029. Joseph Lucas (Industries) Limited. Lamp failure warning systems for road vehicles. (2nd May 1970).

131030. Fabbrica Italiana Magneti Marcelli S.p.A. Improvements in or relating to pinion shifting devices in starters for internal combustion engines, particularly of motor vehicles.

131031. Golden Plastics. A revolving stool.

131032. Aktjubinsky Zavod Khromovyykh Soedineniy. Continuous process for production of chromic anhydride.

131033. S. Z. Vasiliev, I. I. Maergoiz, L. A. Mikhailov and A. E. Lifshits. Adsorber.

131034. Maschinenfabrik Rieter A. G. Continuous measurement of the feed rate of fibrous material. (9th July 1970).

131035. The Slick Corporation. Abrasion-resistant venturi scrubbers.

131036. Redpath Dorman Long Limited. Manufacture of parallel wire strands. (20th April 1970).

131037. Sandvikens Jernverks Aktiebolag. Tool holder for rock milling cutter.

20th April 1971

131038. R. Prasad. Improvements in or relating to bricks, and structures built up with such bricks.

131039. BP Chemicals Limited. Phenol derivatives.

131040. C. A. V. Limited. Liquid filter units. (25th April 1970).

131041. Pfizer Inc. Trialkoxy quinazolines. (9th September 1970).

131042. J. N. McArthur. Microscope. (22nd April 1970).

131043. Radio Foundation Engineering Ltd., and Hazarat & Co. Joint for underground diaphragm wall panels and method of constructing the same.

131044. General Electric Company. Improvements in or relating to sintered cobalt rare earth intermetallic product and process.

131045. Meiji Seika Kaisha Ltd. Improved methods for the production of bland vegetable protein products.

131046. Shinetsu Chemical Company. Process for preparing polyvinyl chloride by suspension polymerization.

131047. Nippon Kayaku Kabushiki Kaisha. New compounds having the herbicidal effect and the process for manufacture thereof.

131048. Institutul De Cercetari Si Proiectari De Masini Agricole. Plough with variable working width.

131049. Ciba-Geigy AG. Process for the manufacture of new diglycidyl compounds of n-heterocyclic compounds.

131050. Merck & Co., Inc. Vericella vaccine.

131051. Daiichi Seiyaku Co., Ltd. Pantetheine-s-sulfonic acid derivatives and salts thereof.

131052. Research Foundation for Microbial Diseases of Osaka University. Process for preparing live virus vaccines.

131053. Rotablock Limited. Improvements in or relating to roof and wall structures more particularly of heat enclosures. (28th April 1970).

131054. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the preparation of deA-9- $\beta$ -steroids.

131055. Nissan Chemical Industries, Ltd. Wet process for production of phosphoric acid and gypsum.

21st April 1971

131056. Council of Scientific and Industrial Research. Process for preparation of alkylphenols for use as anti-oxidants for petroleum products.

131057. Council of Scientific and Industrial Research. Implan for freeze drying plants or other driers implan for freeze drying plants or other driers using radiant heating.

131058. Uss Engineers and Consultants, Inc. Sliding-gate closure for bottom-pour vessel.

131059. Girling Limited. Improvements in or relating to brake adjuster mechanisms for drum brakes. (1st May 1970).

131060. Agfa-Gevaert N. V. Photographic silver halide element. (4th June 1970).

131061. Gosudarstvenny Vsesojuzny Institut Po Proektirovaniyu Predpriyatiy Koksokhimicheskoi Promyshlennosti. Horizontal coke oven.

131062. Gosudarstvenny Nauchno-Issledovatel'skiy Institut Stroitel'nykh Materialov I Izdel'iy, and Krivorozhskiy Metallurgicheskii Zavod Imeni V. I. Lenina. Method for the production of building materials from slag melts.

131063. Ordena Lenina Institut Elementoorganicheskikh Soedineniy. Method of producing protein containing foodstuffs of fibrous structure.

131064. Leningradskoe Proektno-Experimental'noe Otdeleniye Vsesojuznogo Gosudarstvennogo Nauchno-Issledovatel'skogo I Proekt'nogo Instituta "Vniiproekteta lektromontazh". Composite steel-aluminium anode rod for electrolysis of aluminium and method of making the same.

131065. Vsesojuzny Nauchno-Issledovatel'skiy Institut Legkogo I Textil'nogo Mashinostroeniya, Warp thread tension device in a loom.

131066. British Railways Board. Improvements relating to support systems for the seated human body. (22nd April 1970). [Addition to No. 124157].

131067. Index S. A. Improvements in or relating to window hinge devices.

131068. Index S. A. Improvements in or relating to fastening devices.

131069. Index S. A. Improvements in or relating to window structures.

131070. Index S. A. Improvements in or relating to window frame structures.

131071. Index S. A. Improvements in or relating to machining apparatus.

131072. Index S. A. Improvements in or relating to window frames.

131073. Research Foundation for Microbial Diseases of Osaka University. Marek's disease inactivated vaccine and process for preparing the same.

131074. Diamond Shamrock Corporation. 1-(cis-2, 5-dimethylpyrrolidinyl) -2'-fluorocarboxanilide.

131075. Diamond Shamrock Corporation. 1-(cis-2, 5-dimethylpyrrolidinyl)-2', 5'-difluorocarboxanilide.

22nd April 1971

131076. Council of Scientific and Industrial Research. Improvements in or relating to a catalyst and a process for the production of anthraquinone.

131077. Halcon International, Inc. Process for preparing glycol ester from olefinically unsaturated compounds. [Addition to No. 122893].
131078. Halcon International, Inc. Process for preparing glycol ester from olefinically unsaturated compounds. [Addition to No. 122894].
131079. Halcon International, Inc. Process for preparing glycol esters from ethylene and propylene.
131080. E. R. Squibb & Sons, Inc. Enzyme inhibitor.
131081. Ruti Machinery Works Ltd. Arrangement for holding weft threads.
131082. Nalin Kant Sharma. An improved intake, exhaust system for 4 stroke internal combustion engines.
131083. A. A. Tupolev, Y. M. Serebriisky, G. A. Cheremukhin, V. N. Arnoldov, V. A. Sterlin, M. Y. Blinchevsky and A. V. Petrov. A device for balancing an airplane during its take-off and landing.
131084. Shinetsu Chemical Company. A method for polymerizing vinyl chloride.

23rd April 1971

131085. Council of Scientific and Industrial Research. Improvements in or relating to a hand operated bellows pump.
131086. R. A. Parikh. A device through the power of which liquid can be elevated to higher level.
131087. Joseph Lucas (Industries) Limited. Control apparatus for a gas turbine engine. (25th April 1970).
131088. Joseph Lucas (Industries) Limited. Fuel Control system for gas turbine engine. (25th April 1970).
131089. Miles Laboratories, Inc. Test system for the determination of substances in test fluids and process for the preparation thereof.
131090. Progil. Process for preparing chlorine and alkali phosphate solution by electrolysis and electrolytic cell for carrying out the process.
131091. Gosudarstvenny Ordena Trudovogo Krasnogo Znameni Vsesojuzny Proektiny I Nauchno-Issledovatel'sky Institut Tsementnoi Promyshlennosti. Aerating bottom of silo tower for mixing powdered materials.
131092. N. Jain. Device for suspending a curtain from a curtain rail.
131093. Zellweger Ltd. Method of and apparatus for the gradual registration of measuring values on a common recorder.
131094. Zellweger Ltd. Automatic electronic controller.

#### ALTERATION OF DATE

122238. The claim to priority date 7th August 1968 has been abandoned and the application dated as of 14th July 1966, the date of filing in India.
123019. The claim to priority date 13th September 1968 has been abandoned and the application dated as of 3rd September 1969, the date of filing in India.
124219. The claim to priority date 13th December 1968 has been abandoned and the application dated as of 28th November 1969, the date of filing in India.
129696. Ante-dated to 17th July 1969 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the

date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

122073. M. B. Khurana. A device for providing electrical power in the form of pulses to an electrical load. Accepted on 2nd April 1971.
- Inductance coils are in mutually opposed relation and a spring loaded contact system is connected between the terminals of the said coils thereby enabling the magnetic flux generated by the said coils to influence the working of the contact system.*

122233. Springs Mills, Inc. Sewing apparatus and improved cutting means for use therewith. Accepted on 14th April 1971.
- Comprises a pair of movable scissor-type cutting blade means and means co-operating with said blade means for moving the same into cutting engagement.*

122238. Imperial Chemical Industries Limited. Process for preparing pyrimidine derivatives and pesticidal compositions containing the same. Accepted on 14th April 1971.
- Comprises reacting a 4 or 5 halo-2-amino-6-hydroxy pyrimidine with a di-hydrocarbyl halothio-phosphate or phosphonate.*

122244. Cluett, Peabody & Co., Inc. Apparatus for measuring shrinkage during compressive shrinking of continuously advancing textile web. Accepted on 14th April 1971.
- Comprises the combination of a compressive shrinking device and a measuring means located ahead of said device for measuring distance between photo-sensitive index marks provided on the advancing web.*

122297. Catalysts and Chemicals, Inc. A catalyst precursor which on calcination and reduction promotes re-the tumbling mass with a water spray, porosities. Accepted on 16th April 1971.
- Formed by tumbling a mixture of the nickel oxide the binder and the alumina if used and spraying the tumbling mass with a water spray, porosities being obtained by the addition of water in such proportions that loss on ignition of the resulting sphere is in the range of 20 to 40% by weight.*

122307. Fuller Company. Apparatus for use in the removal of material from a gas. Accepted on 16th April 1971.
- Comprises a gas scrubber having a gas-conducting conduit, a gas diverting means in that portion of gas-conducting conduit and having an upper surface, means to support gas-diverting means in the portion of the conduit and spaced from inner surface and means to furnish scrubbing liquid to the upper surface that diverges downwardly of said gas-diverting means.*

122323. Leningradskoe Opytno-Konstrukorskoe Bjuro Torgovogo Mashinostroenia. Coin testing apparatus for use in coin operated machines. Accepted on 17th April 1971.

*Comprises an inductance coil formed by two windings, coin passage made of non-conductive material and having a passage for coins to be tested*

to pass, the above windings being spaced from each other and encircling the coin passage.

122328. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. (2nd July 1968). Accepted on 16th April 1971.

*Comprises a carcass and a reinforcing strip, the radially inner edge of the strip being located radially inwardly of the edge of the ply turn up and the radially outer edge being located radially outwardly of said edge.*

122404. The British Non-Ferrous Metals Research Association. Foundry moulding sand compositions. (26th July 1968.) Accepted on 16th April 1971.

*An aqueous fluid for use as a sand binder to provide a foundry moulding sand composition which comprises in solution or instable suspension or dispersion, sodium silicate and a water soluble oxidizing agent.*

122547. J. B. Douglas. Theatre seat. Accepted on 19th April 1971.

*Of the type having a back rest and a tip-up seat portion mounted on hinge means, in which the seat has an arm rest including a tablet arm assembly comprising a member pivotally secured to the arm rest for movement about a first axis and a tablet pivotal on said member about an axis perpendicular to the first axis, wherein the seat hinge means are disposed inwardly of the vertical plane of movement of the tablet, the tablet in its stored position having a portion thereof situated below and rearwardly of the line of action of the hinge axis.*

722641. L. P. Menchikov, K. I. Kopylov, E. L. Okun, V. M. Smirnov, V. S. Gavrikov, I. D. Fridman, V. E. Markov and A. A. Sopin. Installation for casting microwire in glass insulation. Accepted on 19th April 1971.

*Comprising two oscillating tank with stabilization each tank contains an element for regulating the equivalent resonance impedance and an element for stabilizing generated frequency.*

122645. Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi, India. Radio frequency interference suppression system for vehicles. Accepted on 5th April 1971.

*Plug in type electromagnetic metallic shields are provided each for the spark plug, distributor, ignition coil, voltage regulator and dynamo with shielded interconnection.*

122979. Phillips Petroleum Company. Control of carbon black quality. Accepted on 5th April 1971.

*Comprises determining by methods known the quantity of at least one gaseous constituent selected from the group consisting of nitrogen, methane, acetylene, hydrogen and oxides of carbon in the smoke and regulating by known methods the quantity of prequench introduced into the reaction zone to maintain the quantity of said constituent in the smoke constant and to control the carbon black quality.*

123008. Vitafoam Limited. Improvements in upholstery supports. (1st January 1969). Accepted on 8th April 1971.

*Being made from a thermoplastic elastomeric material and having at each of the locations for attachments a thickened portion having at least one hole therein, there being a recess near the said hole/holes to receive removably part of an attachment means which being dimensioned to distribute loading across a substantial part of the said thickened portion.*

123019. Joseph Lucas (Industries) Limited. Yoke assemblies for dynamo electric machines. Accepted on 19th April 1971.

*Comprising tubular sheet metal casing, plurality of poles being recessed on its outer surface, casing being deformed to lie with recesses.*

123110. Metallgesellschaft A. G. Pelletising method. Accepted on 3rd April 1971.

*Characterized in that either before or during the pelletizing process, carbonates, hydroxide and/or oxides of alkaline earth metals are added to the hematitic iron ore which contains aluminium oxide.*

123282. Union Carbide Corporation. Supported  $\pi$ -arenechromium tricarbonyl catalysts and process for the polymerization of olefins using the same. Accepted on 20th April 1971.

*Contacting ethylene with a catalytic amount of a  $\pi$ -arene chromium tricarbonyl adsorbed on an inorganic oxide catalyst support.*

123407. Bata Shoe Company Private Limited. Manufacture of shoes and like articles of footwear. (2nd October 1968). [Addition to No. 87508]. Accepted on 3rd April 1971.

*Comprises positioning a lasted upper with respect to a mould keeping the peripheral part of the sole portion at a higher temperature and the middle part of the sole portion at a lower temperature and injecting plastic material in a hot molten condition.*

123461. Joseph Lucas (Industries) Limited. Brush assemblies for dynamo electric machines. (14th October 1968). Accepted on 7th April 1971.

*Comprising mounting plate with an aperture and pair of slots, brush in each slot resilient means, brush retention means preventing the brush being disengaged.*

123480. Joseph Lucas (Industries) Limited. Mounting means for switches instruments or the like including mounting frame attached to a panel of a road vehicle. (15th October 1968). Accepted on 8th April 1971.

*Including a mounting frame, a part engaged in an aperture in the frame, co-acting parts on said part and the frame serving to pivotally interconnect the part and the frame, and co-acting releasable catch means on the part and the frame.*

123487. Estrella Batteries Limited. Improvements in or relating to electric batteries. [Addition to No. 98639]. Accepted on 8th April 1971.

*Individual cells as disclosed in Indian patent specification No. 98639 are assembled or combined together into a multicell battery by a series or parallel or series-cum-parallel or parallel-cum-series connection depending upon requirements.*

123495. Imperial Chemical Industries Limited. Electrodes for electrochemical processes. (18th October 1968). Accepted on 12th April 1971.

*Comprising a film-forming metal support on which a coating consisting of a minor amount of operative electrode material and a major amount of a material selected from tin dioxide, antimony pentoxide, antimony tetroxide, the rutile form of germanium dioxide and mixture of these.*

- 123512 The British Iron and Steel Research Association. (Apparatus for the analysis of molten metal. (23rd May 1969). Accepted on 12th April 1971.

*An analysis device atomiser means for extracting material in particulate form and a conduit located downstream of the atomiser means along which a stream of an atomiser means along which a stream of an atomising gas and material particles will pass to the analysis device.*

123565. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing vat dyestuffs. Accepted on 17th April 1971.

*Comprising heating anthranide alone or in admixture with a water soluble indifferent inorganic salt to 300°—400°C.*

123569. Mitsui Toatsu Chemicals, Inc., and Kumiai Chemical Industry Co., Ltd. Mixed herbicide composition. Accepted on 14th April 1971.

*Comprising thiocbamate compound, and 4 nitro-2', 4', 6'-trichloro diphenyl ether and an inert carrier.*

123600. E. M. Comellas. Endless track for tracked vehicles. Accepted on 16th April 1971.

*Comprising a plurality of inter-articulated ground engaging elements set longitudinally in a plurality of adjacent rows wherein the elements of any one row are staggered longitudinally with respect to the elements of the adjacent row or rows.*

123601. E. M. Comellas. Antifriccion pivotal connection for elements under tension. Accepted on 16th April 1971.

*Comprising three cylindrical rods extending through at least three cylindrical holes in said members, each of said holes having a greater diameter than the diameter of the circle circumscribing said rods in their radial direction when said rods are placed side by side parallel to one another and each contacts the other two.*

123628. Santosh Products. Improvements in or relating to a device for dispensing dough. Accepted on 20th April 1971.

*Characterized in that the clamp assembly is adapted to get fitted to said cup member, and said rack carrying piston is adapted to get pushed forward within said sleeve with stroke of movable grip which when depressed engages said panel within each of said ratchet teeth and dough like material is discharged through hole or holes formed in the disc.*

123638. Council of Scientific and Industrial Research. Improvements in or relating to the production of cashew nut shell gum (CNS gum). Accepted on 21st April 1971.

*By precipitating the cashew nut shell gum with a water miscible solvent from an aqueous extract of CN-shells from which materials other than CNS-gum are removed from the aqueous extract by adding precipitants.*

123663. The Firestone Tire & Rubber Company. A vulcanizable green stock and a rubbery vulcanizate obtained therefrom. Accepted on 3rd April 1971.

*Comprises a monovalent metal salt of the carboxylate of a rubber polymer, zinc oxide and sulphur, the stock being shaped for vulcanization.*

123665. Gulf Research & Development Company. Method of rendering corn seed resistant to preemergence herbicides. Accepted on 16th April 1971.

*By applying to the corn seeds prior to planting an effective but substantially non-phytotoxic quantity of a compound selected from the group consisting of 1, 8 naphthalic acid, lower alkyl 1, 8 naphthalic anhydride, N, N'-dialkyl-1, 8-naphthalic acid, propylamine hydrochloride, N, N'-dialkyl oxamide N, N'-dipropynylmalonamide, N, N, N', N'-tetrapropynyl oxamide and N, N'-dipropynyl oxamide.*

123666. Etat Francais. Monolithic block of two-composition or multi-composition propellant and process for the manufacture of such a block. Accepted on 19th April 1971.

*Comprising a plurality of successive layers of powders, the main ingredient is nitrocellulose, the layers being welded to one another at the level of the separation surfaces by gelatinisation of the nitrocellulose by a moulding solvent which is also another ingredient of these powders, such a propellant block has in addition the other features, taken separately or in combination, (a) the powders are of the double base type (b) at least one of the layers is formed by a block of extruded double base powder while the other layer or layers are*

*former of several base powders and one or more moulding solvents.*

123707. Kempthorne Mistral Manufacturing Proprietary Limited formerly known as Mistral Fans Proprietary Limited. Electric fans. (25th October 1968). Accepted on 21st April 1971.

*Air directing grille includes a plurality of louvers arranged at different acute angles to the flow of air.*

123721. Glaverbel. Furnace tank for use in the treatment of glass on molten material. (8th October 1969). Accepted on 22nd April 1971.

*At least one wall of the furnace consists of one refractory body which on at least part of the face thereof inside the tank bears an adherent refractory coating different in composition from the coated refractory body.*

123733. Texaco Development Corporation. Improved hydrocarbon separation process. Accepted on 16th April 1971.

*Comprises an adsorption step, a purge step and a desorption step which comprises carrying out the purge and the desorption steps with a desorbing medium of straight chain hydrocarbon less than molecular weight of the lightest straight chain hydrocarbon component of petroleum fraction being separated and a comparatively smaller amounts of at least one heavy straight chain hydrocarbon less than the molecular weight of the lightest straight chain hydrocarbon component of the petroleum fraction being separated.*

123735. S. I. K. Iyer. A new process for making precast wall panels and assembling them to form a monolithic structure. Accepted on 20th April 1971.

*Comprising steps of laying foundation beams, creating precast wall panels in pairs with stiffening members at their rear side in face to face contact, the space formed by lips protruding beyond the stiffening members and the stiffening member of adjacent wall sections being filled with reinforced concrete to form columns, laying a roof grid, the reinforcement of the columns being tied to the reinforcements of the foundation beams and the beams of the roof grid and laying roof panels in the roof grid.*

123743. Brico Engineering Limited. Improvements in and relating to ferrous alloys. (29th October 1968). Accepted on 23rd April 1971.

*Comprising 10—17% nickel, 8—12% cobalt, 2—12% molybdenum, 0—0.2% carbon, 0—5% chromium, 0—5% copper, 0—5% tin, 0—1.6% titanium, the remainder being iron.*

123762. Takeda Chemical Industries Ltd. New antibiotic process for its manufacture and bacteriacidal and fungicidal compositions containing the same. Accepted on 17th April 1971.

*Cultivating a T—7545 producing strain belonging to the genus streptomyces by surface culture or aerobic submerged culture at a temperature of from about 15—45°C.*

123775. Metallgesellschaft Aktiengesellschaft. Process of separating pure aromatic hydrocarbons from hydrocarbon mixtures. Accepted on 16th April 1971.

*Process of separating pure aromatic hydrocarbons from their mixtures with non-aromatic hydrocarbons with a selective solvent characterized in that a partial stream of that solvent is fed into an extractive unit, water is fed to one end stage of said unit, the non-aromatic products which have been separated and are comprised in the overhead product of the extractive distillation unit is fed to other end stage of the extraction unit, whereby admixtures are separated when the aromatic compounds remain in the solvent.*

123780. Universal Oil Products Company. Process for the conversion and desulfurization of oils. Accepted on 17th April 1971.

*Comprises reacting a hydrocarbonaceous charge stock heated to 260—399°C, with hydrogen in a catalytic reaction zone, separating the appluent into first liquid and vapor phases separating the first vapor phase to give a second vapor phase rich in hydrogen and a second liquid phase cracking a portion of first liquid phase, fractionating the effluent to give a fraction boiling above 343°C which is then separated at a reduced pressure to provide a third liquid phase of distillable hydrocarbon and a residuum concentrate.*

123783. Joseph Lucas (Industries) Limited. Machine for stripping an insulating sheath from an electric cable. (8th November 1968). [Addition to No. 115096]. Accepted on 19th April 1971.

*In which the gripping mechanism grips at least two cables simultaneously and cutter members adapted to position the cables to sever and strip the insulating sheath.*

123806. Pilkington Brothers Limited. Improvements in or relating to laminated glass units. Accepted on 16th April 1971.

*Comprises two glass sheets of 0.5 mm to 3 mm thickness laminated together with a transparent plastics layer, one of the glass sheets being toughened to have the central tension from 420 kg/cm<sup>2</sup> to 1120 kg/cm<sup>2</sup>.*

123822. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the dyeing or printing of fibrous materials with the use of polyalkylene oxide compounds. Accepted on 3rd April 1971.

*Characterised in that a compound of the general formula  $R_1-CHX-(CH_2-CH_2-O)_n-R_2$ , in which  $R_1$  stands for an alkyl group,  $X$  stands for chlorine or Bromine atom,  $n$  stands for a number of 3 to 200 and  $R_2$  stands for an aliphatic hydrocarbon radical*

123847. Westinghouse Electric Corporation. A semiconductor assembly. Accepted on 21st April 1971.

*Characterized in that the side surface is beveled and comprises a first portion adjacent to top surface and forming and included angle of from 165° to 168° with top surface and a second portion adjacent to the bottom surface and forming an included angle of from 35 to 50° with bottom surface.*

123860. Shri Ram Institute for Industrial Research. Improvements in or relating to the synthesis of a plasticizer from castor oil for polyvinyl chloride resins (PVC). Accepted on 22nd April 1971.

*Reacting castor oil with monohydric aliphatic alcohols and acetylating the ricinoyl esters with acetic anhydride which is further expodised by knodn methods.*

123865. Joseph Lucas (Industries) Limited. Direction indicator switches. Accepted on 21st April 1971.

*Comprising a base, a rotor, a flasher unit, a first set of contacts operable in the first operative position of the rotor and a second set of contacts operable in the second operative position of the rotor.*

123866. Joseph Lucas (Industries) Limited. Dynamo electric machines. (22nd November 1968). Accepted on 21st April 1971.

*Including resilient means mounted on a portion of the rotor shaft and acting to resist flexure of the blades of the fan.*

123868. Solvay et Cie. Process and apparatus for the production of fibrillated structures. Accepted on 2nd April 1971.

*Comprises polymerizing or copolymerising ethylene under low pressure by means of a catalyst having an activity higher than 5000 g. of polymer per gram of metal present in the active elements of the catalyst, in the presence of a diluent separating the unreacted ethylene, warming up the suspension and finally expanding the mixture of liquid polymer and diluent by transferring the same into an enclosure.*

123875. Veb Filmfabrik Wolfen. Colour photographic film. (20th May 1969). Accepted on 21st April 1971.

*In which the red sensitive silver halide emulsion layer of this material contains of cyan and/or green water soluble phthalocyanine screening dye.*

123921. A C Patel Improvements in or relating to constructional elements. Accepted on 21st April 1971.

*Comprising an L-section the flange of which is provided with a row of one or more units of quatrefoil slots or a combination of quatrefoil slots and elongated or oval slots and the web of which has one or more lines of units of quatrefoil slots and/or elongated or oval slots in combination with quatrefoil slots, wherein each quatrefoil is formed by a vertically and a horizontally extending oval slots intersecting at right angles to each other to provide four curved edges.*

123930. Union Carbide Corporation. Annular conduit aerosol actuator. Accepted on 20th April 1971.

*Comprising actuator button, cylindrical opening defined by an cylindrical wall characterised by insert means in said opening, valve stem engaging means and annular dispensing conduit.*

124008. Bata Shoe Company Private Limited. Improvements in or relating to articles of footwear. Accepted on 19th April 1971.

*A shoe having a magnet in an open topped recess in the heel portion of the insole thereof.*

124038. Alutery Aluminiumipari Tervezo Vallalat and Aikai Timfoldgyar Es Aluminiumkohó. Level-regulating apparatus. Accepted on 19th April 1971.

*A channel for receiving suspension from the top of the stirring tube and conveying it to the next tank, the channel having a drain opening for reforming a portion of the suspension to the tank from ahide it was raised.*

124090. Combustion Engineering, Inc. Centrifugal separator having perforated can wall. Accepted on 14th April 1971.

*Comprising a vertically elongated can body having its lower end forming one inlet and its upper end open for discharge of processed vapor, means adjacent to the inlet for imparting centrifugal motion to the gas liquid mixture plurality of perforate portions on the wall of the can body containing rows of circumferentially spaced openings and imperforate wall surface for liquid discharge.*

124140. Phillips Petroleum Company. Resinous branched block copolymers and process for the preparation and articles containing said polymers. Accepted on 16th April 1971.

*Comprises contacting under polymerisations conditions at a temperature up to about 250°F a monovinyl substituted aromatic hydrocarbon monomer with an organolithium polymerisation initiator, charging to the above product an additional amount of monovinyl substituted aromatic hydrocarbon, charging to the latter product a conjugated diene monomer and charging to the final product above a polyfunctional treating agent*

capable of reacting with the terminal lithium atoms on a performed polymer to form the resinous branched block co-polymers.

124219. Imperial Chemical Industries Limited. Electrodes for electrochemical cells. Accepted on 17th April 1971.

*Comprising a film forming metal support carrying a coating consisting of a semi-conducting mixture.*

124281. Mitsubishi Denki Kabushiki Kaisha. Power control system. Accepted on 20th April 1971.

*Characterised in that one reactor is connected in series circuit relationship to each of controlled rectifiers in current path.*

124327. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Dyestuff mixtures of water-insoluble diazo dyestuffs and process for their preparation. Accepted on 17th April 1971.

*Comprising coupling tetrazotized 4, 4' diamino 3,3' dichlorodiphenyl with a mixture of 1-phenyl 3-methyl pyrazolone (5) and 1-P toly 1-3-methyl-pyrazolone (5).*

124330. Cassella Farbwerke Mainkur Aktiengesellschaft. Water-insoluble monoazo dyes and process for their manufacture. Accepted on 22nd April 1971.

*Characterises in coupling a diazotised amine (RNH<sub>2</sub>) free from water solubilizing group with a 6-hydroxy —2— pyridones.*

124367. Council of Scientific and Industrial Research. A process for treating textile materials to impart high abrasion resistance, tear strength and retained breaking strength. Accepted on 16th April 1971.

*The reaction of textile material with the ester of dihalopropanol is carried out at temperature above 60°C for a duration of 2 seconds to 10 mins.*

124377. Sphere Investments Limited. Position memory system. (31st December 1968). Accepted on 24th April 1971.

*Comprising scanning means to scan across the channels, timing register means to provide signals representing the instant of time, a plurality of modules a number of storage register means.*

124381. Ciba Limited. Process for the manufacture of crystalline polyurethane plastic products based on diisocyanates and slightly branched polyesters and curable compositions containing the same. Accepted on 17th April 1971.

*Slightly branched polyesters possessing terminal hydroxyl groups having an average molecular weight of about 1,200 to about 10,000 is reacted with diisocyanates.*

124432. Fmc Corporation. Copyrolysis of coal and heavy carbonaceous residue. Accepted on 20th April 1971.

*Comprises copyrolysing the residue with coal naphtha which have previously been heated until 1—10% volatile is removed, for sufficient time to remove all the volatiles from the coal and the residue and recovering the product.*

124440. Mechanite Metal Corporation. Improved method of making modular iron. Accepted on 17th April 1971.

*Comprising melting an iron charge and then adding metals or salts of lead and/or germanium to the molten charge.*

124447. M. I. Kulkarni. An improved milk cooker. Accepted on 22nd April 1971.

*Characterized in that there is provided a dip stick with notches inserted in the water jacket to ascertain the quantity of water to be filled in the double walled water jacket of the milk cooker, heating element which can optionally be inserted below the milk holding utensil.*

124451. Rhone-Poulenc S. A. Dialyzer. Accepted on 6th April 1971.

*A first and second exchange zones formed between each membrane and its adjacent plate, two membranes of a pair respectively, means to feed first and second liquids to and from the zones, at least one flexible walled chamber exerting a uniform controlled pressure on at least a portion of plates.*

124454. Midland Silicones Limited. Improved method for effecting the cross-linking of a polyolefin and the product so obtained. (20th December 1968). Accepted on 19th April 1971.

*By reacting a polyolefin which is a polyethylene or a copolymer thereof with a minor proportion of propylene and/or butylene, with a silane in the presence of a compound capable of producing free radical sites in the polyolefin at a temperature of above 140°C and subsequently exposing the product to moisture in the presence of a silanol condensation catalyst.*

124483. Joseph Lucas (Industries) Limited. Vehicle reversing lamps. (3rd January 1969). Accepted on 21st April 1971.

*Comprising a body transparent or translucent cover, holder and reflector externally accessible adjustment means and clamping means securing bulb holder and reflector.*

124501. Mitsubishi Jidosha Kogyo Kabushiki Kaisha. Improvement in fuel injection system for diesel engine. Accepted on 16th April 1971.

*Comprises at least one flow passage in the plunger connecting the peripheral surface of the plunger to the inner end face of the plunger and communicating with said port during starting of the engine, in said second plunger position.*

124506. Dipl. Ing. Hans Haller and Dipl. Ing. Erwin Wendl. Improvements in or relating to reinforcement and apparatus therefor. Accepted on 3rd April 1971.

*Comprising an assembly of reinforcing bars tied together side by side in relatively spaced disposition by flexible bonds.*

124522. Indian Oxygen Limited. Electric welding. (20th December 1968). Accepted on 19th April 1971.

*Circuit includes a switch controlling the flow of current from at least one energy storage component to the outlet of a smoothing device in accordance with the instantaneous characteristics of parameters of the welding process.*

124523. Premier Irrigation Equipment Private Limited. A method of coupling two pipes together and means for doing so. Accepted on 3rd April 1971.

*Which comprises inserting an end of each pipe into a ring member having flared ends, positioning a gasket between the pipe and the corresponding flared end of the ring member and drawing the gaskets together towards each other.*

124706. N. Jain. A pocket for use of an apparel. Accepted on 17th April 1971.

*Consisting of a flap stitched to the base of the pocket is characterised in that a plurality of strips made of a metal or plastic material is provided on said flap, said strips deviating from the longitudinal axis and being other than vertical to said axis.*

124711. International Standard Electric Corporation. Method and device for punching of material. Accepted on 24th April 1971.

*Comprising a punching jig which consist at least one punch coacting with a die for punching the material.*

124804. Ab. Luding Svensson and N. R. Bergholtz. A method for treating textile material with a liquid as well as an apparatus for working the method. Accepted on 20th April 1971.

*Characterised by that the material is placed in a number of individual chambers within the container through which chambers the liquid is made to flow between headers and a heat transferring fluid is introduced into the space between the chambers.*

124930. Molina Dass. Device for preventing access of ants and like insects to articles of food. Accepted on 20th April 1971.

*Comprises top and base plates connected by an intermediate member surrounded by two shields spaced apart by half inch one shield extending downwardly from the top plate and the other extending upwardly from the base plate and both shields terminating at a distance of half inch from the opposite plate.*

125110. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for discharging solids treated with liquids from vertical columns. Accepted on 17th April 1971.

*Conveying the treated solids by means of a conveyor to a rinsing chamber and from there to a subsequent stage of treatment with the aid of an auxiliary liquid with variable hydrostatic pressure.*

125176. G. R. Mansukhani and I. T. Mirchandani. Improvements in or relating to regulating the flow of water in water taps in multi-storied buildings. Accepted on 23rd March 1971.

*Comprising at least one baffle for fixed disposition within the bore of the pipe-line.*

125289. Hindustan Lever Limited. Soap-sulphate tablets. (21st February 1969). Accepted on 23rd April 1971.

*Comprises a tallow soap and a water soluble alkali metal or alkaline earth metal primary or secondary alkyl sulphate or a mixture of alkyl sulphates, having total carbons of 7 to 14 per molecule, its molecules being alkyl branched molecules, all molecules having 5 to 9 carbon atoms in a straight chain.*

125467. Ciba Limited. New polvazo pigments and processes for their manufacture. Accepted on 19th April 1971.

*Polyamine is condensed with carboxylic acid halides of appropriate formulae and in desired proportion.*

125662. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Herbicide containing substituted benzothiadiazine dioxides and a process for producing the same. Accepted on 21st April 1971.

*Comprises (a) substituted benzothiadiazine dioxides and (b) substituted dioxodecahydroquinazoline or (c) substituted urea or (d) substituted bromopyridazine or comprising a mixture of the compound  $a+b+c$ ,  $a+b+d$  or  $a+c+d$ .*

125663. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Diaphragm cell for the electrophoresis of substance mixtures. Accepted on 24th April 1971.

*A diaphragm cell comprising a frame provided with an inlet opening and two outlet openings and two semipermeable diaphragms wherein the inlet opening and the two outlet openings are positioned to form a triangle in which the distance between the two outlet openings arranged at one side of said triangle is smaller than three times the perpendicular line drawn from the inlet opening to the said side of the triangle.*

125779. The Dunlop Company Limited. Flame arrestors. (19th March 1969). Accepted on 20th April 1971.

*Comprises closure means for allowing gas to pass there through whilst preventing passage of a flame, and retaining means for retaining the closure means in position in or adjacent an aperture or passage.*

125807. J. Singh and K. Singh. A starter for electrical motors and particularly the locking device therein. [Addition to No. 108976]. Accepted on 19th April 1971.

*The improvement comprises mounting a roller in the arm of the locking lever for actuation by the profile of the cam and removing the actuating pin from the said cam.*

125955. Poly Cone Paper Private Limited. Process to provide rough exterior to a yarn winding element like a cone or spool. Accepted on 16th April 1971.

*The external surface of the winding element is treated with an adhesive like natural or synthetic gum and then sprayed with a fine dust of light material like natural or artificial filaments.*

125763. Mutual Plastics. An improved hand-operated device for crushing fruit or the like. Accepted on 15th February 1971.

*Comprising a crusher and a receptacle for receiving juice, said crusher having two parts one part is in the form of a deep dish having vertical side wall.*

125977. Borden, Inc. Method of and apparatus for purifying gases. Accepted on 14th April 1971.

*Comprising a rotatable chamber with means for supplying impure gas and means for supplying purifying liquid such that concurrent gas liquid flow occurs and including a purifying barrier comprising a plurality of relatively movable packing elements.*

126096. Ciba Limited. New disazo pigments, process for their preparation and material pigmented therewith. Accepted on 17th April 1971.

*Characterized in that a dyestuff acid chloride, obtained by coupling diazotized 2, 5-dichloroaniline with 2, 3-hydroxynaphthoic acid and chlorinating thereafter, in condensed with 4, 4'-diaminodiphenyl 3, 3'-dicarboxylic acid dimethyl ester to produce the dis-azo dye.*

126188. Formica Corporation. Decorative laminates carrying removable protective coating. Accepted on 17th April 1971.

*Having on its surface a removable film of a mixture of from about 50% to 92% of a fatty acid soap, from about 4% to 48% of a non-ionic detergent and from about 1% to 4% of a coupling agent and the said film is between 0.2 and 1 ml in thickness.*

126886. Nippon Kokan Kabushiki Kaisha. Sampler for molten steel stream. Accepted on 19th April 1971.

*A sampler comprising a refractory pipe connected to a sample mould within a holding sleeve or pipes one end of the refractory pipe extending out of the holding sleeve and bent upwardly.*

126983. Nikunja Behari Das Gupta. Preparation of margarine like product containing soybean. Accepted on 21st April 1971.

*Preparation obtained by intimately mixing the soymilk made from the soybean with vanaspathi.*

127016. Embart Corporation. Glass melting furnace. Accepted on 21st April 1971.

*Comprising burner means for firing upstream toward one end and a stack adjacent one end for achieving flow of products of combustion from the burner means in a direction opposite that if the flow of glass through furnace.*

127055. Didier Werke A. G. A furnace wall, particularly the rear wall and the like of an industrial furnace, such as an open-hearth furnace. Accepted on 21st April 1971.

*The wall forming refractory bricks of each two consecutive courses of bricks are directly located by horizontal carrier bars elevationally slidably mounted on the wall posts of the furnace framing, recesses in the bricks co-operating to embrace the carrier rail having fastening members releasably engagable by locking elements bearing against the wall posts.*

127088. N. V. Philips Gloeilampenfabrieken. Semiconductor device comprising an insulated gate field effect transistor. Accepted on 14th April 1971.

*Characterised in that the continuous surface region is surrounded at the surface by a zone of the one conductivity type associated with the substrate region said zone having a higher impurity concentration than the channel region.*

128283. Solvay Et Cie. Electrode-supporting wall for an electrolytic cell. Accepted on 21st April 1971.

*Consisting of an alternative sequence of vertical edges of electrodes of the same polarity, and vertically disposed conducting elements of elongated shape joined to each other in demountable manner by fixing means distributed along the length and maintain the vertical edges of electrodes under compression.*

128424. N. V. Philips Gloeilampenfabrieken. Current amplifier. Accepted on 17th April 1971.

*Characterized in that the emitter of the first transistor is connected to a supply source, through first diode and emitter collector path of second transistor the base of the first transistor is connected to the supply through a second diode and emitter collector path of the third transistor and a current determining element.*

129696. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. [Divisional, date 17th July 1969]. Accepted on 16th April 1971.

*Comprises a carcass including at least one ply or cords turned up around a bead wire and a reinforcing strip of rubberized cord fabric forming a radially outward extension of the turn-up, said strip overlapping the turn-up being comprised of cords disposed at substantially the same angle as that of the carcass cords and being of greater flexibility than the carcass ply.*

#### Opposition Proceedings

(1)

An opposition has been entered by Bata Shoe Company Private Limited to the grant of a patent on application No. 118617, made by Tatsuo Fukuoka.

(2)

An opposition has been entered by Desma Werke GMBH to the grant of a patent on application No. 118617 made by Tatsuo Fukuoka.

(3)

An opposition has been entered by the Joint Director, Research Designs & Standards Organisation to the grant of a patent on application No. 122965 made by Bengal Ingot Company Limited.

#### Patents Sealed

117689.	117938.	118512.	118674.	118935.	119006.	119126.
119154.	119382.	119384.	119411.	119457.	119473.	119804.
119937.	120371.	120393.	120549.	120585.	120620.	120621.
120623.	120639.	120644.	120665.	120670.	120714.	120756.
120914.	121021.	121191.	121375.	121522.	121587.	121616.
121633.	121721.	121787.	121898.	121899.	122034.	122056.
122193.	122199.	122202.	122535.	122792.	122950.	123020.
123747.	123776.	123813.	123970.	124009.	124041.	125427.

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Hercules Incorporated (formerly known as Hercules Powder Company), a corporation organized under the laws of the State of Delaware, one of the United States of America, of 910 Market Street, Wilmington, State of Delaware, United States of America, seek leave to amend the specification of application for patent No. 89490.

(Title :—Improvements in or relating to cross-linked polymers).

Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Rodney Hunt Company, a corporation of Massachusetts, United States of America, of Orange, Massachusetts, United States of America, seek leave to amend the description and claims in the specification in respect of patent No. 116720. (Title :—Method and apparatus for wet processing a continuous length of moving material). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that National Distillers And Chemical Corporation, of 99 Park Avenue, New York, New York, United States of America, a corporation of the State of Virginia, United States of America, seek leave to amend the claims in the specification and figure of the drawings in the drawings of patent No. 118420. (Title :—Process for improving the resistance of olefin polymers to heat deterioration). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Ciba Limited, Chemical Manufacturers, of 141 Klybeckstrasse, Basle, Switzerland, a Swiss Corporation, seek leave to amend the description in the specification in respect of patent application No. 118938. (Title :—New diphosphates and process for their manufacture). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(5)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Sumitomo Chemical Company, Ltd., a corporation organised under the laws of Japan, of 15, Kitahama-5-chome, Higashi-ku, Osaka, Japan, seek leave to amend the description in the specification in

respect of patent application No. 121335. (Title :—Cyclopropanecarboxylic acid esters, process for preparing same and compositions containing said esters.). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(6)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Universal Electric Company, a Corporation organised and existing under the laws of the State of Michigan, United States of America, of 300, East Main Street, Owosso, State of Michigan 48867, United States of America, seek leave to amend the application form and description and claims in the specification in respect of patent application No. 121492. (Title :—Improvements relating to electric motors and the manufacture thereof). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933), in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(7)

The amendments proposed by International Business Machines Corporation in respect of patent No. 116391 as advertised in Part III, Section 2 of the Gazette of India dated the 12th December 1970 have been allowed.

#### Registration of Assignments, Licences, etc. (Patents)

Assignments, licences or other transaction affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests.

114351—Messrs. Nalco Chemical Company.

116080—M/s. Pest Control (India) Pvt. Ltd.,

111858 }  
111903 } M/s. Amsted Industries Inc.

#### Renewal Fees Paid

57168. 57207. 57227. 57369. 57389. 57392. 57455. 57938.  
59973. 60268. 60287. 60290. 60393. 63557. 63583. 63770.  
63771. 63815. 63872. 63923. 63924. 63930. 63976. 63978.  
64010. 64042. 64065. 64088. 64104. 64212. 64233. 64480.  
67402. 67405. 67420. 67426. 67443. 67518. 67569. 67601.  
67606. 67612. 67661. 67735. 67818. 67834. 67841. 69666.  
69828. 70422. 71177. 71361. 71416. 71491. 71515. 71517.  
71532. 71533. 71679. 71746. 71806. 71939. 71970. 72003.  
72021. 72373. 73001. 73673. 75273. 76203. 76322. 76340.  
76341. 76347. 76385. 76394. 76400. 76448. 76506. 76510.  
76511. 76527. 76544. 76573. 76574. 76695. 76740. 76782.  
76868. 76997. 76999. 77114. 81261. 81530. 81795. 81800.  
81801. 81823. 81826. 81827. 81846. 81925. 81926. 81942.  
81949. 81859. 81965. 81972. 81996. 82029. 82107. 82108.  
82140. 82223. 82230. 82261. 82283. 82335. 82339. 82340.  
82362. 82420. 82601. 83309. 83464. 87454. 87547. 87569.  
87572. 87582. 87592. 87593. 87598. 87613. 87635. 87644.  
87651. 87740. 87758. 87782. 87799. 87835. 87840. 87912.  
87920. 87922. 87927. 87941. 87948. 88049. 88064. 88065.  
88090. 88104. 88153. 88157. 88170. 88210. 88211. 88421.  
88496. 88593. 89143. 89144. 90660. 91764. 92551. 92596.  
93107. 93171. 93191. 93257. 93369. 93394. 93402. 93479.  
93550. 93632. 93636. 93670. 93671. 93689. 93694. 93698.  
93700. 93701. 93712. 93715. 93748. 93749. 93790. 93801.  
93803. 93874. 93875. 93879. 93886. 93935. 93970. 93972.  
93983. 93986. 93987. 93994. 94768. 97132. 97207. 97803.  
98376. 98550. 98578. 98584. 98658. 98728. 98729. 98731.  
99052. 99114. 99133. 99138. 99139. 99140. 99141. 99173.  
99241. 99286. 99294. 99297. 99322. 99324. 99325. 99326.  
99327. 99328. 99329. 99348. 99363. 99364. 99384. 99408.  
99415. 99424. 99438. 99464. 99500. 99528. 99537. 99574.

99595. 99607. 99610. 99611. 99667. 99689. 99691. 99726.  
99739. 99740. 99766. 99820. 99823. 99827. 100135. 100250.  
101712. 103454. 104753. 104758. 104863. 104875. 104895.  
104919. 104942. 104953. 104955. 104975. 104983. 104986.  
104987. 104988. 104989. 104998. 105009. 105016. 105027.  
105032. 105033. 105109. 105110. 105111. 105117. 105139.  
105141. 105161. 105181. 105212. 105229. 105259. 105310.  
105311. 105312. 105314. 105315. 105317. 105318. 105319.  
105327. 105391. 105408. 105409. 105431. 105433. 105441.  
105453. 105464. 105465. 105510. 105894. 106000. 106171.  
106187. 107809. 109526. 109529. 109630. 109816. 110002.  
110170. 110184. 110261. 110284. 110287. 110288. 110292.  
110324. 110337. 110357. 110374. 110375. 110390. 110396.  
110406. 110413. 110414. 110425. 110481. 110482. 110486.  
110487. 110490. 110509. 110539. 110549. 110562. 110591.  
110616. 110652. 110558. 110701. 110704. 110709. 110737.  
110760. 110771. 110776. 110777. 110778. 110786. 110847.  
110862. 110919. 111269. 111604. 111782. 112142. 112547.  
113359. 114461. 114930. 115240. 115241. 115242. 115243.  
115472. 115443. 115444. 115530. 11559. 115568. 115572.  
115615. 115708. 115783. 119647.

#### Cessation of Patents

68906. 68909. 68926. 68927. 68928. 68931. 81431. 85588.  
90679. 90680. 90690. 90692. 90693. 90700. 90703. 90705.  
90706. 90707. 90711. 90712. 90714. 91142. 101256. 102448.

#### RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent.

No. 91019—Hiralal Ghosh &amp; Bishwanath Khag.

Title :—"A metal spray gun".

The patent ceased on the 23rd August 1970. Owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 17th April 1971. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 19th June 1971.

(2)

An order has been made on the 13th April 1971, restoring the patent No. 58959 dated as of the 22nd November 1956, granted to Devidayal Stainless Steel Industries Pvt. Ltd., for "improved pocket tiffin or launch box and the like".

(3)

An order has been made on the 8th April 1971, restoring the patent No. 68312 dated as of the 7th July 1959, granted to Terrapin (Overseas) Limited for "improvements in or relating to buildings".

(4)

An order has been made on the 8th April 1971, restoring the patent No. 106476 dated as of the 3rd August 1966, granted to Veb Elektro-Apparate-Werke Berlin-Treptow for "circuit arrangement to warrant the excitation of the transient effect with a transverter, particularly with such one the load of which is permanently or intermittently connected up also during the state of rest".

(5)

An order has been made on the 8th April 1971, restoring the patent No. 106732 dated as of the 23rd August 1966, granted to Veb Elektro-Apparate-Werke Berlin-Treptow for "protective circuit for an insulation testing device".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 137834. Shahid Husain & Sons, Nai Basti, Banjara Street, Moradabad, U.P. Indian Proprietary concern, "Smoking water pipes", August 25, 1970.
- Class 1. No. 137969. Lal Shri Krishna Dass, Indian, Gular Road, Aligarh, U.P., "Safety locks", September 19, 1970.
- Class 1. No. 137999. Harshad Amratlal Shah, A-9, Ahmed Chamber, 2nd Floor 386, Lumington Road, Bombay-4 (Maharashtra), Indian Nationality, "Anti-theft device for use in automobiles", September 26, 1970.
- Class 1. No. 138111. Mahesh Anantrai Pattani, An Indian Citizen, Vishwa Villa, Labernum Road, Bombay-7 WB, Maharashtra, India, "Folding stove", October 19, 1970.
- Class 1. No. 138137. Bright Electrical Industries, (an Indian Partnership Firm, 2/4646, Thobha Street, Sagarnura, Surat-2, (Maharashtra), "Loom switch", October 28, 1970.
- Class 1. Nos. 138195 to 138197. Surendranath Ganpatrao Borlikar, D-39/40, Survodaynagar, Panjrapol Road, Bombay-1, State of Maharashtra, India, an Indian National, "A kitchen tongs", November 20, 1970.
- Class 1. No. 138230. Bravin International, an Indian Partnership firm, 314, Jaygopal Industrial Estate, Bhavani Shankar Cross Road, Dadar, Bombay-14, Maharashtra, "Hooks", December 9, 1970.
- Class 1. No. 138248. JG Industries Private Ltd. Pimpri, Poona-18, Maharashtra State, India, an Indian Company, "Flask", December 18, 1970.
- Class 1. No. 138345. Mohan Lal Gandhi, 4917, Rehgar Pura, Karol Bagh, New Delhi-5, Indian by Nationality, "Lipstick container", January 20, 1971.
- Class 1. No. 138358. Kozhipurath Balachandran, No. 10 (Upstairs), Third Street, Pudupet, Madras-2, India, Indian National, "Electric torchlights", January 25, 1971.
- Class 3. No. 137659. Kailash Brush Factory, 5628-Gandhi Market, Sadar Bazar, Delhi-6, India, Indian Partnership Concern, "A tooth brush", July 2nd 1970.
- Class 3. No. 137791. Katta Narasimha Rao, 7-A, Second Street, Subramanyanagar, Madras-24, Tamil Nadu, India, Subject of the Indian Republic, "A photo stand", August 7, 1970.
- Class 3. Nos. 137959 and 137960. Deekay International (Indian Proprietorship firm), 206, A-Industrial Estate, Fergusson Road, Lower Parel, Bombay-13 (Maharashtra), "Handle", September 17, 1970.
- Class 3. No. 137993. Murlidhar Meghraj Jakhota, 9, Mangalwar Peth, Barne Chouk, Poona-11, Maharashtra State, An Indian Subject, "Salt container", September 25, 1970.
- Class 3. No. 137996. Jaipur Traders Corporation (P) Ltd., 1, Duffrin Bridge, Mori Gate, Delhi-6, An Indian Private Limited Company incorporated under the Indian Companies Act, 1956, "Toy", September 25, 1970.
- Class 3. No. 138003. Standard Products Manufacturing Company, Standard House, Old Kuria, Bombay-70 (AS), Maharashtra, India, Indian Partnership Concern, "A colour box", September 28, 1970.
- Class 3. No. 138114. Teeka Industries, an Indian Partnership firm, 84, Vijaykarwadi, S. V. Road, Malad (West), Bombay-69, Maharashtra, India, "Sole of chappal", October 21, 1970.
- Class 3. No. 138116. Lombards Private Limited, a Company incorporated in India, Rahimtoola House, Homji Street, Bombay-1, Maharashtra State "Bottles composed of poly vinyl chloride (P.V.C.)", October 21, 1970.
- Class 3. No. 138122. Hareesh Industries, an Indian Partnership firm, Satya Narayan Bhuvan, 55, S. V. Road, Borivali, Bombay-92, Maharashtra, India, "Tube-light holders", October 24, 1970.
- Class 3. No. 138161. Apollo Plastics, (an Indian Partnership Firm), Hind Service Industries Estate, Unit No. 1, Dyananeshwar Mandir Road, Bombay-28, (Maharashtra), "Carpet guard", November 6, 1970.
- Class 3. No. 138202. Japenco, an Indian Partnership firm, Menon Industrial Estate, Oshiwara Bridge, Goregaon, Bombay-62, Maharashtra, "Calender", November 25, 1970.
- Class 3. No. 138203. Indian Bazar, Near Regal Cinema, Colaba, Bombay-1, Maharashtra, an Indian partnership firm, "Hair dyeing comb", November 25, 1970.
- Class 3. No. 138205. Miss Marcel, 70, Colootola Street, Calcutta-1, West Bengal, India, an Indian Partnership Firm, "A roller applicator", November 25, 1970.
- Class 3. No. 138237. Asian Advertisers (a Partnership Firm), 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-4, (Maharashtra), "Container", December 11, 1970.
- Class 3. No. 138238. Asian Advertisers, (an Indian Partnership Firm), 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-4 (Maharashtra), "Bal point pen", December 11, 1970.
- Class 3. No. 138245. Miss Marcel, 70, Colootola Street, Calcutta-1, West Bengal, India, an Indian Partnership Firm, "A container", December 17, 1970.
- Class 3. No. 138258. Apollo Plastics, (an Indian Partnership firm), Hind Service Industries Estate, Unit No. 1, Dyananeshwar Mandir Road, Bombay-28, Maharashtra, "Carpet guard", December 23, 1970.
- Class 3. No. 138267. Juharmal Khetasidas, Shrinivas Juharmal Agrawal and Bajranglal Juharmal, all Indian nationals trading under the firm name of Juharmal Shrinivas in partnership registered under the Indian Partnership Act, 1932, "Soles of footwear", December 28, 1970.
- Class 3. No. 138351. Crown Shoe Company, Preet Nagar, Sodai Road, Jullundur City, Punjab State, an Indian sole proprietary concern, "Strap of rubber chappal", January 25, 1971.
- Class 3. No. 138353. Virendra Singh, Trading as A. Paul Instruments Co., Jind, Haryana, Indian National, "Thermometer", January 25, 1971.
- Class 4. No. 138201. Shib Chander Kumar, 21/639 Kamal Pikhri, Kathmandu, Nepal, a Citizen of India, "A bottle", November 24, 1970.
- Class 4. No. 138206. Miss Marcel, 70, Colootola Street, Calcutta-1, West Bengal, India, an Indian Partnership Firm, "A bottle", November 25, 1970.
- Class 4. No. 138235 and 138236. Modern Industries, (an Indian Partnership Firm), 36, Sainath Industrial Estate, No. 2, Off Aarey Road, Goregaon (East), Bombay-63, (Maharashtra), "Bottle", December 11, 1970.
- Class 5. No. 138146. Paramount Products, A registered Indian Partnership firm, Block No. A/28, 2nd Floor, Shri Ram Industrial Estate, G. D. Ambekar Road, Bombay-31, Maharashtra (India), "Cartons", October 30, 1970.
- Class 10. No. 138115. Teeka Industries, an Indian Partnership firm, 84, Vijaykarwadi, S. V. Road, Malad

(West), Bombay-69, Maharashtra, India, "Chappal" October 21, 1970.

Class 10. Nos. 138211 and 138213. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "Footwear", November 26, 1970.

Class 12. No. 138017. Shraddhyanad Agarwal, Indian National, trading as Bihar Tobacco Industries, Chakradharpur, Dist, Singhbhum, Bihar, India, "Bidis", September 29, 1970.

Class 12. Nos. 138141, 138143 and 138144. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay-5, Maharashtra State, India, Indian Nationality, "A cushion", October 30, 1970.

Class 12. No. 138363. Madam Janardhan Rao, Madam Kishan Rao, Gurram Machendermath, Guram Narend Nath and Sevela Balakrishna, A 3/1, Nacharam Industrial Area, Nacharam, Hyderabad-39, Andhra Pradesh, India, Indian Nationals, "Biscuits", January 27, 1971.

#### Copyright extended for a Second Period of Five Years

Design Nos. 127759, 137976 and 137735 Class—1.

Design Nos. 128370, 128520, 128557, 137979 Class—3.

#### Copyright extended for a Third Period of Five Years

Design Nos. 137735 and 137976 Class—1.

Design No. 111278 Class—3.

#### Registration of Assignments, Licences, etc. (Designs)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

106956—Messrs. Karamchand Premchand Private Limited.

135257—Messrs. Regal Industrial Corporation.

S. VEDARAMAN,

*Controller General of Patents,  
Designs and Trade Marks*